

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method, comprising:

receiving, at a media access controller (MAC), a first request for a connection from a requesting agent, said the first request having a quality of service parameter indicating one of a multimedia connection and a data connection;

sending to a dynamic host configuration protocol (DHCP) server a second request for one of a plurality of network addresses using one of first and second MAC addresses associated with said the MAC based on said the quality of service parameter, wherein said the sending said the second request comprises:

retrieving said the quality of service parameter from said the first request,

sending said the second request for a first network address using said the first MAC address if said the quality of service parameter indicates a the multimedia connection, and

sending said the second request for a second network address using said the second MAC address if said the quality of service parameter indicates a the data connection;

receiving a network address in accordance with said the second request; and

sending the received network address to said the requesting agent to establish said the connection in accordance with said the first request.

2. (Currently Amended) The method of claim 1, wherein each network address from said the plurality of network addresses comprises a network address for a different network.

3. (Currently Amended) The method of claim 1, wherein a first network address from said the plurality of network addresses comprises a network address for a private network, and a second network address from said the plurality of network addresses comprises a network address for a public network.

4. (Currently Amended) The method of claim 3, wherein said the connection comprises a multimedia connection.

5. (Currently Amended) The method of claim 4, wherein said the multimedia connection comprises one of a voice connection, video connection and audio connection.

6. (Currently Amended) The method of claim 3, wherein said the connection comprises a data connection.

7. (Canceled)

8. (Currently Amended) The method of claim 1, wherein said the second request is a dynamic host configuration protocol (DHCP) request.

9. (Currently Amended) The method of claim 8, wherein said the sending said the second request comprises:

sending said the dynamic host configuration protocol request to a the DHCP server; and

receiving said the network address from said the DHCP server.

10. (Currently Amended) An apparatus, comprising:

a media access controller (MAC) having a plurality of MAC addresses;

a requesting agent to connect to said the MAC, said the requesting agent to send a first request for a network address; and

a driver module to connect to said the MAC and said the requesting agent, said the driver module to receive said the first request and determine whether said the first request is for one of a multimedia connection or data connection, said the driver module to instruct said the MAC to send a second request to a dynamic host configuration protocol (DHCP) server, the DHCP to connect to the MAC, for a first network address using a first MAC address if said the first request is for a multimedia connection, and to send a second request for a second network address using a second MAC address if said the first request is for a data connection.

11. (Currently Amended) The apparatus of claim 10, wherein said the driver module sends said the first or second network address to said the requesting agent to establish said the connection in accordance with said the first request.

12. (Currently Amended) The apparatus of claim 10, wherein said the requesting agent comprises part of a multimedia module.

13. (Currently Amended) The apparatus of claim 12, wherein said the multimedia module comprises a multimedia terminal adapter and analog telephone.

14. (Currently Amended) The apparatus of claim 12, wherein said the multimedia module comprises at least one of a packet telephone, video equipment and audio equipment.

15. (Currently Amended) The apparatus of claim 10, wherein said the requesting agent comprises part of a data module.

16. (Currently Amended) The apparatus of claim 15, wherein said the data module comprises one of a computer, server and workstation.

17. (Currently Amended) The apparatus of claim 10, ~~further comprising a dynamic host configuration protocol (DHCP) server to connect to said MAC, said wherein the DHCP server to receive said second request, retrieve~~ retrieves one of said the first network address and the second network address from a DHCP table, and ~~send said~~ sends the retrieved network address to said the MAC.

18. (Currently Amended) A computer readable medium storing computer executable instructions, said the computer executable instructions defining steps comprising:

receiving, at a media access controller (MAC), a first request for a connection from a requesting agent, said the first request having a quality of service parameter indicating one of a multimedia connection and a data connection;

sending from the MAC to a dynamic host configuration protocol (DHCP) server a second request for one of a plurality of network addresses using one of first and second MAC addresses associated with said the MAC based on said the quality of service parameter, wherein said the sending said the second request comprises:

retrieving said the quality of service parameter from said the first request,

sending said the second request for a first network address using said the first MAC address if said the quality of service parameter indicates a the multimedia connection, and

sending said the second request for a second network address using said the second MAC address if said the quality of service parameter indicates a the data connection;

receiving a network address in accordance with said the second request;
and

sending the received network address to said the requesting agent to establish said the connection in accordance with said the first request.

19. (Canceled)

20. (Currently Amended) The computer readable medium of claim 18, wherein the computer executable instructions defining the step of sending a second request comprise computer executable instructions defining the steps of:

sending a dynamic host configuration protocol (DHCP) to a the DHCP server; and

receiving said the network address from said the DHCP server.